IN THE CLAIMS:

A complete listing of the claims is set forth below. Please amend the claims as follows:

(Currently Amended) A computer-implemented system for distributing consumer

demand upstream in a supply chain, the supply chain comprising a downstream supply entity and

one or more upstream supply chain entities, each upstream supply chain entity being associated with a supply channel delay between the upstream supply chain entity and the downstream supply chain

a supply channel delay between the upstream supply chain entity and the downstream supply chain

entity that represents a time that must elapse before a product in inventory of the upstream supply

chain entity can be made available to a consumer associated with the downstream supply chain entity, the system being associated with the downstream supply chain entity and comprising:

an interface operable to:

receive, at a current time, an indication of receive a consumer demand for a product

that a consumer may be willing to be received receive at a future date rather than the current date in

exchange for an incentive; date; and

communicate the indication of consumer demand for the product; product the

consumer may be willing to receive at a future date rather than the current date in exchange for an

incentive;

a quote system coupled to the interface, the quote system operable to:

receive, from the interface, the eurrent indication of consumer demand for the

product the consumer may be willing to receive at a future date rather than the current date in

exchange for an incentive;

determine an a particular incentive based on an order lead time for the product, the

order lead time for the product representing a time difference between the a particular future date and the current date, the order lead time being longer than a supply channel delay between the a

downstream supply chain entity and an upstream supply chain entity, the particular incentive

reflecting cost savings to the downstream supply chain entity associated with the order lead time;

and

communicate the particular incentive to the interface; interface, wherein the interface is operable to:

receive the particular incentive from the quote system; and

communicate convey the particular incentive to allow the consumer to choose whether to receive the product at the particular future date rather than the current date in exchange for the particular incentive; consumer, and

a consumer order management system (COMS) operable to, if the consumer chooses to receive the product at the particular future date rather than the current date in exchange for the particular incentive, communicate an order for the product to the upstream supply chain entity to allow the consumer to receive the product at the particular future date from current inventory of the upstream supply chain entity rather than from current inventory of the downstream supply chain entity in exchange for the incentive, particular incentive, the cost savings to the downstream supply chain entity associated with the order lead time and reflected in the particular incentive comprising cost savings associated with the consumer receiving the product at the particular future date from current inventory of the upstream supply chain entity rather than from current inventory of the downstream supply chain entity.

 (Currently Amended) The system of Claim 1, wherein the particular incentive comprises a price discount on the product. (Currently Amended) The system of Claim 1, wherein the quote system is a first quote system and operable to:

collaborate with a second quote system associated with the upstream supply chain entity to determine a cost at the upstream supply chain entity associated with the consumer receiving the product from the current inventory of the upstream supply chain entity;

determine a profit increase on the product at the downstream supply chain entity based on:

the cost at the upstream supply chain entity associated with supplying the product from the current inventory of the upstream supply chain entity; and

the cost savings to the downstream supply chain entity associated with the order lead time; and

determine the particular incentive based on the profit increase.

4. (Currently Amended) The system of Claim 1, wherein the quote system is a first quote system and operable to collaborate with a second quote system associated with the upstream supply chain entity to determine the particular incentive based on one or more business rules associated with one or more of the downstream and upstream supply chain entities.

(Currently Amended) The system of Claim 1, wherein:

the particular future date is a first particular future date, the particular incentive is a first

particular incentive, the upstream supply chain entity is a first upstream supply chain entity, and

the order lead time is a first order lead time:

the quote system is further operable to:

determine a second particular incentive based on a second order lead time for the

product, the second order lead time for the product representing a time difference between a

second particular future date and the current date, the second order lead time being longer than a

second supply channel delay between the downstream supply chain entity and a second upstream

supply chain entity, the second particular incentive reflecting collective cost savings to the

downstream supply chain entity and the first upstream supply chain entity associated with the

second order lead time; and

communicate the second particular incentive to the interface; <u>interface, wherein</u>

the interface is further operable to:

receive the second particular incentive from the quote system; and

communicate eonvey the second particular incentive to allow the consumer to

choose whether to receive the product at the second particular future date rather than the current

date in exchange for the second particular incentive; consumer; and

wherein the COMS is further operable to, if the consumer chooses to receive the product

at the second particular future date rather than the current date in exchange for the second

particular incentive, communicate an order for the product to the second upstream supply chain entity to allow the consumer to receive the product at the second particular future date from

current inventory of the second upstream supply chain entity rather than from current inventory

of the downstream supply chain entity in exchange for the second particular incentive, the

collective cost savings to the downstream supply chain entity and the first upstream supply chain

entity associated with the second order lead time and reflected in the second particular incentive

comprising collective cost savings associated with the consumer receiving the product at the

second particular future date from current inventory of the second upstream supply chain entity

rather than from current inventory of the downstream supply chain entity or the first upstream

supply chain entity, the second particular incentive being larger than the first particular incentive.

6. (Currently Amended) The system of Claim 5, wherein the interface is operable

to convey the first and second particular incentives to allow the consumer to choose whether to

receive the product at the first particular future date or the second particular future date rather

than the current date in exchange for the first particular incentive or the second particular

incentive.

(Currently Amended) The system of Claim 5, wherein the quote system is a first

quote system and operable to:

collaborate with a second quote system associated with the second upstream supply chain

entity to determine a cost at the second upstream supply chain entity associated with the consumer receiving the product from the current inventory of the second upstream supply chain

entity;

determine a profit increase on the product at the downstream supply chain entity based

on:

the cost at the second upstream supply chain entity associated with supplying the

product from the current inventory of the second upstream supply chain entity; and

the cost savings to the downstream supply chain entity associated with the second

order lead time; and

determine the second particular incentive based on the profit increase.

8. (Currently Amended) The system of Claim 5, wherein the quote system is a first quote system and operable to collaborate with one or both of a second quote system associated with the first upstream supply chain entity and with a third quote system associated with the second upstream supply chain entity to determine the second particular incentive based on one or more business rules associated with one or more of the downstream and first and second upstream supply chain entities.

9. (Currently Amended) The system of Claim 5, wherein:

the quote system is further operable to:

determine a third particular incentive based on a third order lead time for the

product, the third order lead time for the product representing a time difference between a third

particular future date and the current date, the third order lead time being longer than a third

supply channel delay between the downstream supply chain entity and a third upstream supply

chain entity, the third particular incentive reflecting collective cost savings to the downstream

supply chain entity and the second upstream supply chain entity associated with the third order

lead time; and

communicate the third particular incentive to the interface; interface, wherein the

interface is further operable to:

receive the third particular incentive from the quote system; and

communicate convey the third particular incentive to allow the consumer to

choose whether to receive the product at the third particular future date rather than the current date in exchange for the third particular incentive: consumer; and

the COMS is further operable to, if the consumer chooses to receive the product at the

incentive, communicate an order for the product to the third upstream supply chain entity to

allow the consumer to receive the product at the third particular future date from current

inventory of the third upstream supply chain entity rather than from current inventory of the downstream supply chain entity in exchange for the third particular incentive, the collective cost

savings to the downstream supply chain entity and the second upstream supply chain entity

associated with the third order lead time and reflected in the third particular incentive comprising

collective cost savings associated with the consumer receiving the product at the third particular future date from current inventory of the third upstream supply chain entity rather than from

current inventory of the downstream supply chain entity, the first upstream supply chain entity,

or the second upstream supply chain entity, the third particular incentive being larger than the

first particular incentive and the second particular incentive.

10. (Currently Amended) The system of Claim 1, wherein the consumer choosing to

receive the product at the future date rather than the current date in exchange for the particular

incentive comprises one of:

the consumer purchasing the product at the current date;

the consumer committing at the current date to purchase the product at the particular

future date; and

the consumer indicating an intention at the current date to purchase the product at the

particular future date.

11. (Currently Amended) The system of Claim 1, wherein the consumer receiving

the product at the particular future date comprises one of:

the consumer visiting the downstream supply chain entity at the particular future date to

pick up the product;

the downstream supply chain entity delivering the product to the consumer at the

particular future date; and

the upstream supply chain entity delivering the product to the consumer at the particular

future date.

12. (Currently Amended) The system of Claim 1, wherein, if the consumer chooses

to receive the product at the particular future date rather than the current date in exchange for the particular incentive; the consumer makes an initial payment to the retailer at the current date

particular incentive, the consumer makes an initial payment to the retailer at the current date

based on one or more costs to the downstream supply chain entity associated with cancellation of

the order.

13. (Currently Amended) A computer-implemented method for distributing

consumer demand upstream in a supply chain, the supply chain comprising a downstream supply entity and one or more upstream supply chain entities, each upstream supply chain entity being

associated with a supply channel delay between the upstream supply chain entity and the

associated with a supply chain entity and the downstream supply chain entity and the downstream supply chain entity that represents a time that must elapse before a product in

inventory of the upstream supply chain entity can be made available to a consumer associated

with the downstream supply chain entity, the method being associated with the downstream

supply chain entity and comprising:

receiving, at a current time, an indication of a consumer demand for a product that a

consumer may be willing to receive at a future date rather than the current date in exchange for

an incentive; date;

determining an a particular incentive based on an order lead time for the product, the

order lead time for the product representing a time difference between the a particular future date and the current date, the order lead time being longer than a supply channel delay between the

downstream supply chain entity and an upstream supply chain entity, the particular incentive

reflecting cost savings to the downstream supply chain entity associated with the order lead time;

communicating conveying the particular incentive to allow the consumer to choose

whether to receive the product at the particular future date rather than the current date in

exchange for the particular incentive; consumer; and

if the consumer chooses to receive the product at the particular future date rather than the

current date in exchange for the particular incentive, communicating an order for the product to

the upstream supply chain entity to allow the consumer to receive the product at the particular future date from current inventory of the upstream supply chain entity rather than from current

inventory of the downstream supply chain entity in exchange for the incentive. particular

incentive, the cost savings to the downstream supply chain entity associated with the order lead

time and reflected in the particular incentive comprising cost savings associated with the

consumer receiving the product at the particular future date from current inventory of the

upstream supply chain entity rather than from current inventory of the downstream supply chain

entity.

14. (Currently Amended) The method of Claim 13, wherein the particular incentive

comprises a price discount on the product.

15. (Currently Amended) The method of Claim 13, comprising:

collaborating with the upstream supply chain entity to determine a cost at the upstream

supply chain entity associated with the consumer receiving the product from the current inventory of the upstream supply chain entity;

inventory of the approach suppry chain entity

determining a profit increase on the product at the downstream supply chain entity based

on:

the cost at the upstream supply chain entity associated with supplying the product

from the current inventory of the upstream supply chain entity; and

the cost savings to the downstream supply chain entity associated with the order

lead time; and

determining the particular incentive based on the profit increase.

16. (Currently Amended) The method of Claim 13, comprising collaborating with

the upstream supply chain entity to determine the particular incentive based on one or more

business rules associated with one or more of the downstream and upstream supply chain

entities.

17. (Currently Amended) The method of Claim 13, wherein:

the particular future date is a first particular future date, the particular incentive is a first

particular incentive, the upstream supply chain entity is a first upstream supply chain entity, and

the order lead time is a first order lead time;

the method further comprising:

determining a second particular incentive based on a second order lead time for

the product, the second order lead time for the product representing a time difference between a

second particular future date and the current date, the second order lead time being longer than a

second supply channel delay between the downstream supply chain entity and a second upstream

supply chain entity, the second particular incentive reflecting collective cost savings to the downstream supply chain entity and the first upstream supply chain entity associated with the

second order lead time:

communicating eonveying the second particular incentive to allow the consumer

to choose whether to receive the product at the second particular future date rather than the

current date in exchange for the second particular incentive; consumer; and

if the consumer chooses to receive the product at the second particular future date

rather than the current date in exchange for the second particular incentive, communicating an order for the product to the second upstream supply chain entity to allow the consumer to receive

the product at the second particular future date from current inventory of the second upstream

supply chain entity rather than from current inventory of the downstream supply chain entity in

exchange for the second particular incentive, the collective cost savings to the downstream

supply chain entity and the first upstream supply chain entity associated with the second order

lead time and reflected in the second particular incentive comprising collective cost savings associated with the consumer receiving the product at the second particular future date from

current inventory of the second upstream supply chain entity rather than from current inventory

of the downstream supply chain entity or the first upstream supply chain entity, the second

particular incentive being larger than the first particular incentive.

3. (Currently Amended) The method of Claim 17, comprising conveying the first

and second particular incentives to allow the consumer to choose whether to receive the product

at the first particular future date or the second particular future date rather than the current date in

exchange for the first particular incentive or the second particular incentive.

19. (Currently Amended) The method of Claim 17, comprising:

collaborating with the second upstream supply chain entity to determine a cost at the

second upstream supply chain entity associated with the consumer receiving the product from the

current inventory of the second upstream supply chain entity;

determining a profit increase on the product at the downstream supply chain entity based

on:

the cost at the second upstream supply chain entity associated with supplying the

product from the current inventory of the second upstream supply chain entity; and

the cost savings to the downstream supply chain entity associated with the second

order lead time; and

determining the second particular incentive based on the profit increase.

20. (Currently Amended) The method of Claim 17, comprising collaborating with

one or both of the first and second upstream supply chain entities to determine the second particular incentive based on one or more business rules associated with one or more of the

downstream and first and second upstream supply chain entities.

(Currently Amended) The method of Claim 17, comprising:

determining a third particular incentive based on a third order lead time for the product, the third order lead time for the product representing a time difference between a third particular future date and the current date, the third order lead time being longer than a third supply channel delay between the downstream supply chain entity and a third upstream supply chain entity, the third particular incentive reflecting collective cost savings to the downstream supply chain entity and the second upstream supply chain entity associated with the third order lead time;

communicating eenveying the third particular incentive to allow the eensumer to choose whether to receive the product at the third particular future date rather than the current date in exchange for the third particular incentive; consumer; and

if the consumer chooses to receive the product at the third particular future date rather than the current date in exchange for the third particular incentive, communicating an order for the product to the third upstream supply chain entity to allow the consumer to receive the product at the third particular future date from current inventory of the third upstream supply chain entity rather than from current inventory of the downstream supply chain entity in exchange for the third particular incentive, the collective cost savings to the downstream supply chain entity and the second upstream supply chain entity associated with the third order lead time and reflected in the third particular incentive comprising collective cost savings associated with the consumer receiving the product at the third particular future date from current inventory of the third upstream supply chain entity rather than from current inventory of the downstream supply chain entity, the first upstream supply chain entity, or the second upstream supply chain entity, the third particular incentive being larger than the first particular incentive and the second particular incentive.

22. (Currently Amended) The method of Claim 13, wherein the consumer choosing

to receive the product at the future date rather than the current date in exchange for the particular

incentive comprises one of:

the consumer purchasing the product at the current date;

the consumer committing at the current date to purchase the product at the particular

future date; and

the consumer indicating an intention at the current date to purchase the product at the

particular future date.

23. (Currently Amended) The method of Claim 13, wherein the consumer receiving

the product at the particular future date comprises one of:

the consumer visiting the downstream supply chain entity at the particular future date to

pick up the product;

the downstream supply chain entity delivering the product to the consumer at the

particular future date; and

the upstream supply chain entity delivering the product to the consumer at the particular

future date.

24. (Currently Amended) The method of Claim 13, wherein, if the consumer

chooses to receive the product at the particular future date rather than the current date in

exchange for the particular incentive, the consumer makes an initial payment to the retailer at the current date based on one or more costs to the downstream supply chain entity associated with

cancellation of the order

5. (Currently Amended) Software for distributing consumer demand upstream in a

supply chain, the supply chain comprising a downstream supply entity and one or more upstream

supply chain entities, each upstream supply chain entity being associated with a supply channel delay between the upstream supply chain entity and the downstream supply chain entity that

represents a time that must elapse before a product in inventory of the upstream supply chain

entity can be made available to a consumer associated with the downstream supply chain entity,

the software being associated with the downstream supply chain entity, embodied in computer-

readable media, and when executed operable to:

receive, at a current time, an indication of a consumer demand for a product that a

consumer may be willing to receive at a future date rather than the current date in exchange for

an incentive; date;

determine an a particular incentive based on an order lead time for the product, the order

lead time for the product representing a time difference between the a particular future date and the current date, the order lead time being longer than a supply channel delay between the

downstream supply chain entity and an upstream supply chain entity, the particular incentive

reflecting cost savings to the downstream supply chain entity associated with the order lead time;

communicate convey the particular incentive to allow the consumer to choose whether to

receive the product at the particular future date rather than the current date in exchange for the

particular incentive; consumer; and

if the consumer chooses to receive the product at the particular future date rather than the

eurrent date in exchange for the particular incentive, communicate an order for the product to the upstream supply chain entity to allow the consumer to receive the product at the particular future

date from current inventory of the upstream supply chain entity rather than from current

inventory of the downstream supply chain entity in exchange for the incentive. particular

incentive, the cost savings to the downstream supply chain entity associated with the order lead

time and reflected in the particular incentive comprising cost savings associated with the

consumer receiving the product at the particular future date from current inventory of the

upstream supply chain entity rather than from current inventory of the downstream supply chain

entity.

 (Currently Amended) The method of Claim 25, wherein the particular incentive comprises a price discount on the product.

27. (Currently Amended) The software of Claim 25, operable to:

collaborate with the upstream supply chain entity to determine a cost at the upstream supply chain entity associated with the consumer receiving the product from the current inventory of the upstream supply chain entity;

determine a profit increase on the product at the downstream supply chain entity based on:

the cost at the upstream supply chain entity associated with supplying the product from the current inventory of the upstream supply chain entity; and

the cost savings to the downstream supply chain entity associated with the order lead time; and

determine the particular incentive based on the profit increase.

28. (Currently Amended) The software of Claim 25, operable to collaborate with the upstream supply chain entity to determine the particular incentive based on one or more business rules associated with one or more of the downstream and upstream supply chain entities.

29. (Currently Amended) The software of Claim 25, wherein:

the particular future date is a first particular future date, the particular incentive is a first

particular incentive, the upstream supply chain entity is a first upstream supply chain entity, and

the order lead time is a first order lead time;

the software being further operable to:

determine a second particular incentive based on a second order lead time for the

product, the second order lead time for the product representing a time difference between a second particular future date and the current date, the second order lead time being longer than a

second supply channel delay between the downstream supply chain entity and a second upstream

supply chain entity, the second particular incentive reflecting collective cost savings to the downstream supply chain entity and the first upstream supply chain entity associated with the

second order lead time:

communicate eonvey the second particular incentive to allow the consumer to

choose whether to receive the product at the second particular future date rather than the current

date in exchange for the second particular incentive; consumer, and

if the consumer chooses to receive the product at the second particular future date

rather than the current date in exchange for the second particular incentive, communicate an

order for the product to the second upstream supply chain entity to allow the consumer to receive the product at the second particular future date from current inventory of the second upstream

supply chain entity rather than from current inventory of the downstream supply chain entity in

exchange for the second particular incentive, the collective cost savings to the downstream

supply chain entity and the first upstream supply chain entity associated with the second order

lead time and reflected in the second particular incentive comprising collective cost savings

associated with the consumer receiving the product at the second particular future date from

current inventory of the second upstream supply chain entity rather than from current inventory of the downstream supply chain entity or the first upstream supply chain entity, the second

particular incentive being larger than the first particular incentive.

30. (Currently Amended) The software of Claim 29, operable to convey the first and

second particular incentives to allow the consumer to choose whether to receive the product at the first particular future date or the second particular future date rather than the current date in

exchange for the first particular incentive or the second particular incentive.

31. (Currently Amended) The software of Claim 29, operable to:

collaborate with the second upstream supply chain entity to determine a cost at the

second upstream supply chain entity associated with the consumer receiving the product from the

current inventory of the second upstream supply chain entity;

determine a profit increase on the product at the downstream supply chain entity based

on:

the cost at the second upstream supply chain entity associated with supplying the

product from the current inventory of the second upstream supply chain entity; and

the cost savings to the downstream supply chain entity associated with the second

order lead time; and

determine the second particular incentive based on the profit increase.

32. (Currently Amended) The software of Claim 29, operable to collaborate with

one or both of the first and second upstream supply chain entities to determine the second particular incentive based on one or more business rules associated with one or more of the

downstream and first and second upstream supply chain entities.

33. (Currently Amended) The software of Claim 29, operable to:

determine a third particular incentive based on a third order lead time for the product, the third order lead time for the product representing a time difference between a third particular future date and the current date, the third order lead time being longer than a third supply channel delay between the downstream supply chain entity and a third upstream supply chain entity, the third particular incentive reflecting collective cost savings to the downstream supply chain entity and the second upstream supply chain entity associated with the third order lead time;

communicate eenvey the third particular incentive to allow the eensumer to choose whether to receive the product at the third particular future date rather than the current date in exchange for the third particular incentive; consumer; and

if the consumer chooses to receive the product at the third particular future date rather than the current date in exchange for the third particular incentive, communicate an order for the product to the third upstream supply chain entity to allow the consumer to receive the product at the third particular future date from current inventory of the third upstream supply chain entity rather than from current inventory of the downstream supply chain entity in exchange for the third particular incentive, the collective cost savings to the downstream supply chain entity and the second upstream supply chain entity associated with the third order lead time and reflected in the third particular incentive comprising collective cost savings associated with the consumer receiving the product at the third particular future date from current inventory of the third upstream supply chain entity rather than from current inventory of the downstream supply chain entity, the first upstream supply chain entity, or the second upstream supply chain entity, the third particular incentive being larger than the first particular incentive and the second particular incentive.

34. (Currently Amended) The software of Claim 25, wherein the consumer

choosing to receive the product at the future date rather than the current date in exchange for the

particular incentive comprises one of:

the consumer purchasing the product at the current date:

the consumer committing at the current date to purchase the product at the particular

future date: and

the consumer indicating an intention at the current date to purchase the product at the

particular future date.

35. (Currently Amended) The software of Claim 25, wherein the consumer

receiving the product at the particular future date comprises one of:

the consumer visiting the downstream supply chain entity at the particular future date to

pick up the product;

the downstream supply chain entity delivering the product to the consumer at the

particular future date; and

the upstream supply chain entity delivering the product to the consumer at the particular

future date.

36. (Currently Amended) The software of Claim 25, wherein, if the consumer

chooses to receive the product at the particular future date rather than the current date in

exchange for the particular incentive, the consumer makes an initial payment to the retailer at the current date based on one or more costs to the downstream supply chain entity associated with

cancellation of the order

37. (Currently Amended) A computer-implemented system for distributing

consumer demand upstream in a supply chain, the supply chain comprising a downstream supply

entity and one or more upstream supply chain entities, each upstream supply chain entity being associated with a supply channel delay between the upstream supply chain entity and the

downstream supply chain entity that represents a time that must elapse before a product in

inventory of the upstream supply chain entity can be made available to a consumer associated

with the downstream supply chain entity, the system being associated with the downstream

supply chain entity and operable:

receive, at-a current time, an indication of a consumer demand for a product that a

consumer may be willing to receive at a future date rather than the current date in exchange for

an incentive; date;

determine an a particular incentive based on an order lead time for the product, the order

lead time for the product representing a time difference between the a particular future date and the current date, the order lead time being longer than a supply channel delay between the

downstream supply chain entity and an upstream supply chain entity, the particular incentive

reflecting cost savings to the downstream supply chain entity associated with the order lead time;

communicate convey the particular incentive to allow the consumer to choose whether to

receive the product at the particular future date rather than the current date in exchange for the

particular incentive; consumer; and

if the consumer chooses to receive the product at the particular future date rather than the

eurrent date in exchange for the particular incentive, communicate an order for the product to the upstream supply chain entity to allow the consumer to receive the product at the particular future

date from current inventory of the upstream supply chain entity rather than from current

inventory of the downstream supply chain entity in exchange for the incentive. particular

incentive, the cost savings to the downstream supply chain entity associated with the order lead

time and reflected in the particular incentive comprising cost savings associated with the

consumer receiving the product at the particular future date from current inventory of the

upstream supply chain entity rather than from current inventory of the downstream supply chain

entity.